ABSTRACT

APPARATUS AND METHOD FOR CONTROLLING THE CONNECTION AND DISCONNECTION SPEED OF DOWNHOLE CONNECTORS

An apparatus (100) for controlling the connection speed of first and second downhole connectors (316, 146) in a subterranean well. The apparatus (100) includes a first assembly that is positionable in the well. The first assembly includes the first downhole connector (316) and a first communication medium. A second assembly includes the second downhole connector (146) and a second communication medium. The second assembly has an outer portion and an inner portion. The outer portion is selectively axially shiftable relative to an inner portion, such that upon engagement of the first assembly with the second assembly, the outer portion of the second assembly is axially shifted relative to the inner portion of the second assembly allowing the first and second downhole connectors (316, 146) to be operatively connected to each other, thereby enabling communication between the first communication medium and the second communication medium.

[Fig. 1]